EASUREMENT BOOK

	Dimensions			Contents	Refere to las Measure
	Number 3	Length 4	Breadth 5	Depth 6	7	8

o Mes Road

M. A. R. 57 (Rule 116)
Measurement Book

BR-114/31-05-17
No. B

353620

No. 1st and Part Bill SBR No: 57/17-18

of Work ..... From 30/05/17 To .....

of Contractor of nature of Agency Sri. Alankar K.B Contractor

of commencement of work D.O. Recordy : 09-05-2017

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Name of work - Improvements to Roads, drains and Drilling of Borewells in Ward NO.09, 10 and 11 of Hiriyagraya Gram Sub-Division,						
Estimated cost : 30S.00 Lakhs						
Work order no : EE/BTP/BRGMP/WO/223/2016-17 Dt 15-03-2017						
JOB code/Indent no : 009-16-000027 - Indent no. 21225						
WARD NO 11 WORK						
(I) Laterite metal Concrete Road Work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1) Item No (2) as per Shed-'B'	Dismantly of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cements concrete, Wood work, including Taad pad scaffolding wherever necessary, sorting of dismantled material, disposal of un-serviceable material and stacking the serviceable material with all lift and lead and load of lorries complete as per specification, Dismantling, back fill work, C.C m-15 and M-20 etc complete as per specification and directions of Engineer-in-charge of the Work						
	qty vide this MB. Item No (1) p.no 35368 95 sqm @ 373.45/sqm						
							35,686.88

UREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measureme 8
turks like culverts, bridges, retaining					
comprising of masonry, Concrete					
dy T and P and scaffolding whereas					
emitted materials, disposal of					
d stacking the serviceable material					
ud of lengths complete as per					
nsch the work, C.C M-15 and M-20					
tion and directions of Engineer.					
qty vide this on B. It no (1)					
p.no 353685 95.564 m³ @ 373.45/m³					35,686.88

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353621

rial No. .....

me of Work ..... From..... To.....

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(2) Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 0.30m, excavated surface levelled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications and directions of Engineer-in-charge of work.						
	qty vide this on B. It no (2)						
	p.no 353686 = 931.85 m³ @					81.23/m³	75,693.77

UREMENT BOOK

Dimensions				Contents	Reference to last Measurement
umber 3	Length 4	Breadth 5	Depth 6	7	8
1	30.00	$\frac{5.0+5.2}{2}$	-	153.00	
1	12.00	$\frac{5.2+5.8}{2}$	-	66.00	
1	30.00	$\frac{5.8+5.2}{2}$	-	165.00	
1	30.00	$\frac{5.2+5.2}{2}$	-	156.00	
1	30.00	$\frac{5.4+5.2}{2}$	-	159.00	
1	30.00	$\frac{5.2+5.2}{2}$	-	156.00	
1	30.00	$\frac{5.2+5.3}{2}$	-	157.50	
1	15.00	$\frac{5.3+5.3}{2}$	-	79.50	
1	30.00	$\frac{5.4+5.2}{2}$	-	159.00	
1	30.00	$\frac{6.5+6.2}{2}$	-	190.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353628

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ite	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	$\frac{6.2+6.2}{2}$	-	186.00	
		1	31.00	$\frac{6.2+6.3}{2}$	-	193.75	
						3474.00 m²	
					Ltd to	3470.10 m²	
	Item no. 32				C	31.65/42	1,09,828.67
1)	Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a hydrostatic power finisher with sensor						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	control to the required grade level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achive the desired compaction as per morth specifications clause no. 500. & complete in all respects as per specifications with 40/60 type capacity hmp with mechanical paver Gr-II (25 mm to 30mm) with 5% VG-10 Bitumen complete as per specifications and directions of Engineer-in-charge of work.					Ans	
	(a) Main Chainage 4.0 5th cross Road	1	30.00	$\frac{5.2+4.8}{2}$	0.025	= 3.68 sqm	
	(b) - 7th cross - Road	1	6.00	$\frac{4.8+4.6}{2}$	0.025	= 0.69	
		1	30.00	$\frac{5.0+5.0}{2}$	0.025	= 3.75	
		1	10.00	$\frac{5.0+5.2}{2}$	0.025	= 1.28	

ASUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8
...rode level and alignment, rolling with ...ry and tandem roller to achieve ... per morth specifications clause ... respects as per specifications with ... with mechanical power Gr-II (25 mm ... Bitumen complete as per specifications ... charge of work.					
			Avg		
1	30.00	5.2+4.8 / 2	0.025	= 3.68	
1	6.00	4.6+4.6 / 2	0.025	= 0.69	
1	30.00	5.0+5.0 / 2	0.025	= 3.75	
1	10.00	5.0+5.2 / 2	0.025	= 1.28	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353629

...ial No. .....
...me of Work ..... From..... To.....
...me of Contractor of nature of Agency .....
...e of commencement of work .....

...te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6 Avg	Contents 7	Reference to last Measurement 8
	(c) Cross-Road	1	30.00	5.6+4.7 / 2	0.025 =	3.86	
		1	27.00	4.7+4.6 / 2	0.025 =	3.14	
	(d) - Indian express 2/o 2nd CR	1	30.00	6.2+5.0 / 2	0.025 =	4.20	
		1	30.00	5.0+5.2 / 2	0.025 =	3.83	
		1	30.00	5.2+5.2 / 2	0.025 =	3.90	
		1	8.00	5.2+5.2 / 2	0.025 =	1.04	
	(e) - 2nd Cross Road	1	30.00	6.5+5.2 / 2	0.025 =	4.39	
		1	30.00	5.2+5.0 / 2	0.025 =	3.83	

C&F.C. 31/05

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(d) . 3rd Cross . Road	1	30.00	$\frac{5.0+5.0}{2}$	0.025	3.75	
		1	30.00	$\frac{5.0+5.2}{2}$	0.025	3.83	
		1	12.00	$\frac{5.2+5.8}{2}$	0.025	1.65	
		1	30.00	$\frac{5.8+5.2}{2}$	0.025	4.12	
		1	30.00	$\frac{5.2+5.2}{2}$	0.025	3.90	
		1	30.00	$\frac{5.2+5.4}{2}$	0.025	3.98	
		1	30.00	$\frac{5.4+5.2}{2}$	0.025	3.98	
		1	30.00	$\frac{5.2+5.2}{2}$	0.025	3.90	
		1	30.00	$\frac{5.2+5.3}{2}$	0.025	3.94	
		1	15.00	$\frac{5.3+5.3}{2}$	0.025	1.99	

EASUREMENT BOOK

	Dimensions			Contents	Reference to last Measurem
	Number 3	Length 4	Breadth 5	Depth 6	7	8
	1	30.00	5.0+5.0 / 2	0.025	3.75 m³	
	1	30.00	5.0+5.2 / 2	0.025	3.83	
	1	12.00	5.2+5.8 / 2	0.025	1.65	
	1	30.00	5.8+5.2 / 2	0.025	4.12	
	1	30.00	5.2+5.2 / 2	0.025	3.90	
	1	30.00	5.2+5.4 / 2	0.025	3.98	
	1	30.00	5.4+5.2 / 2	0.025	3.98	
	1	31.00	5.2+5.2 / 2	0.025	3.90	
	1	30.00	5.2+5.3 / 2	0.025	3.94	
	1	15.00	5.3+5.3 / 2	0.025	1.99	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353630

al No. .....

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work .....

e	Full description, etc, of work	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Main Road	1	30.00	6.5+6.2 / 2	0.025	4.76	
		1	30.00	6.2+6.2 / 2	0.025	4.65	
		1	31.00	6.2+6.3 / 2	0.025	4.84	
						14.25 m³	
					4	86.75 m³	689738.44
						7943.73 m³	689119.44
	Item No 15						
	Lead for disposing debris shall be payable at carriage rate by mechanical means including loading and unloading etc complete						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per specifications and incharge of works.						
	Ordinary (1 NO - 2 + 1 NO . 3)						
	= (95.56 + 931 m³)						
	= 1027.214 m³ @ 103.87/m³ R						1,06,696.30
						Total Rs.	38,61,804-00
							38,61,784-00
	Certificate						
	① certified that the contractor has work done satisfactorily.						
	② The contractor has removed the debris from work site						

Assistant Executive Engr
Vidyaranyapura Sub Divi
BBMP, Bangalore - 97

SUREMENT BOOK

Dimensions				Contents	Refere to la Measure
Number 3	Length 4	Breadth 5	Depth 6	7	8
age of Roads.					
Both sides. (1 NO. 2 + 1 NO. 3)					
2 (95.56 + 93.87)					
= 1027.21 M³ @ 103.87/M³ R					106696.35
				Total Rs.	38,61,804=00
Contractor has work done					38,61,784-00
removed the debris from					

Assistant Executive Engir
Vidyaranyapura Sub Divi
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353631

No. .....
of Work .....
of Contractor of nature of Agency .....
f commencement of work .....

From 6th CR W0099 To 6th CR
"Varadaraja Nagar"
5th CR

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
	4th CR	W0052	Varadaraja Nagar Main Road	3RD CR	1007.1	C.C. Road.
	3RD CR			2ND CR		
	2ND CR			1ST CR		
	1ST CR					
			Singapura Main Road	TO - Singapura		

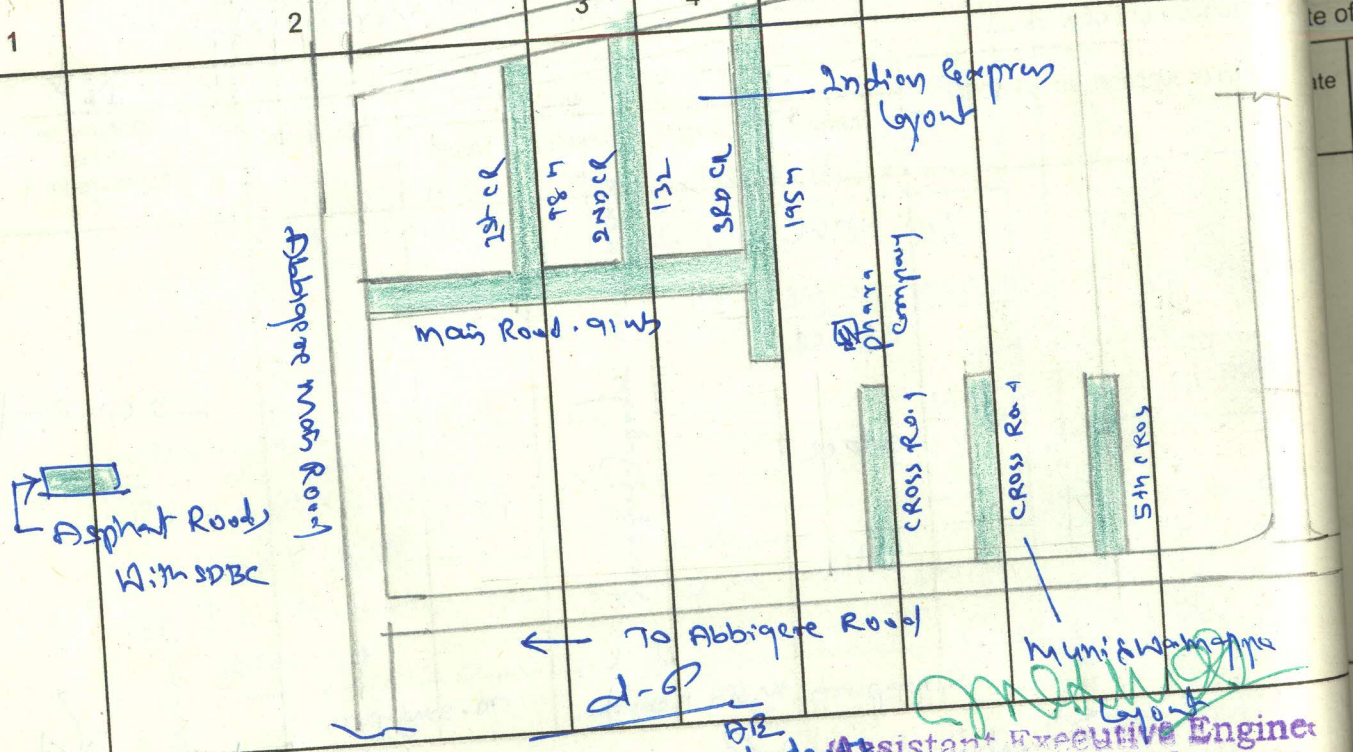
TO, Mis. padya

9/05/2017

Assistant Executive Engineer
Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



BR/114/

Assistant Executive Engine
Vidyaranyapura Sub Divisi

ASUREMENT BOOK

Dimensions				Contents	Referen to last Measure
Number	Length	Breadth	Depth		
3	4	5	6	7	8

Indian Express Layout

78 m 2nd CR

132 3rd CR

195 m

Shara Company

CROSS Rd 3

CROSS Rd 4

5th CROSS

d. 91 m

To Abbigere Road

d-6

BR 9/05/2017

Assistant Executive Engine

Vidyaranyapura Sub Divisi

Mynigowdappa

BR/114/31.5.17.

M. A. R. 57 (Ru

Measurement

No. B

353632

No. .....

of Work ..... From .....

e of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
					Total R: 38,61,784-00	
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 38,61,784-00					IT - 38618-00	
ಈ ಬಿಲ್ಲು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 258740-					VAT - 154471-00	
ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 36,03,044-00					CCH - 38618-00	
Rs. Thirty six Lakh Three thousand forty four only.					CSF - 3862-00	
ಮೇಲ್ಕಂಡ ಸಂಪೂರ್ಣ ಸಂಪೂರ್ಣ					LR - 23171-00	
ಲೆಕ್ಕಾಧಿಕ್ಷಕರು					Adj - 258740-00	
ಬ್ಯಾಲನ್ಸು ಪ್ರಮಾಣ					Chq: 36,03,044-00	
ಇ. ಮ. ಸಂ.						

Calculation 19/06

15/6